

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph [0041] with the following amended paragraph:

In the embodiment, if the transmission output power is low output less than a predetermined value, for example, to use the transmitter with smaller output than the maximum transmission power, the transmission output control signal 301 of a given level is selectively input to the R input terminal 33 through the mode selection section 300 and the linear modulator 11 and the large power amplifier 12 are operated in the linear mode, whereby transmission power control is performed independently of the dynamic range of the amplitude component of the input modulation signal based on the I and Q signals. On the other hand, if the transmission output power is high output equal to or larger than a predetermined value, for example, to use the transmitter in the vicinity of the maximum transmission power (for example, within -2 to 4 dB or within -6 dB, etc.), the large power amplifier 12 is operated in the saturation mode and the amplitude component of the input modulation signal based on the I and Q signals calculated by the amplitude calculation section 302 is selectively input to the R input terminal 33 through the mode selection section 300 and polar coordinate modulation is performed in the large power amplifier 12. That is, the transmission section 10 of the embodiment includes two stages of amplification means of the linear modulator 11 for performing linear amplification after quadrature modulation and the large power amplifier 12 for performing usual linear amplification or amplification in the saturation state using polar coordinate modulation. The amplification means are controlled by a control signal from the control section 30.